LOCKHEED AIRCRAFT CORPORATION	ENGINEERING STUDY ☐ CHANGE PROPOSAL [X]	LAC- 153
DATE 26 APRIL 1963	AFFECTS: WSPO ☐	PROJECT [X]

NAME OF MAJOR COMPONENT	PART OR LOWEST SUBASSEMBLY	PART NO. & MODEL OR TYPE

TITLE OF PROPOSAL : "WET MAPS" STAT

NATURE OF PROPOSAL :

SEE PAGE 2

CANCELLED 19 Jul 63 See

REASON FOR PROPOSAL :

TO PROVIDE NEW STORAGE CON[illegible] WATER SYSTEM.

ES	ESTIMATED COST AND TIME INVOLVED :
	ADDITIONAL FUNDING REQUIRED :
CP	ESTIMATED COST FOR KITS OR PARTS : See Page 2
	ADDITIONAL FUNDING REQUIRED : Yes - SP-1923; No - SP-1922

ITEMS AFFECTED BY PROPOSAL :

SAFETY	MISSION EFFEC-TIVENESS	PERFORM-ANCE	OPERATING PROCEDURE	INTER-CHANGE-ABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTE-NANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTE-NANCE MANUAL
☐	☐	☐	☐	☐	☐	☐	XX	☐	XX	XX

EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD

SOURCE OF PARTS FOR KIT	AVAILABILITY 16 WEEKS AFTER APPROVAL
Purchase & Fab	

DISPOSITION OF SPARES AFFECTED STAT

Not Applicable

INITIATED BY : Project	APPROVED: WSPO PROJECT

NATURE OF PROPOSAL:

A new fiberglas container with 7 flat rectangular carriers is to be installed on R.H. side of cockpit against the side console along the side of the pilots seat. A pressurized water system will be plumbed to the container. The water system will consist of an accumulator, a nitrogen bottle to provide pressure, a nitrogen pressure gauge, and an explosive valve for releasing nitrogen pressure to the accumulator. The accumulator contains an internal bladder cell for storage of antifreeze and water and will incorporate a restrictor in the nitrogen side and a burst diaphram to separate water from the fiberglas container.

The accumulator, gauge, and nitrogen bottle will be installed on the aft side of the Sta. 252 bulkhead along with the existing 250 VA inverter. They will be made readily removable for alternate installation of the A. O. panel.

Actuation of the water system to fill the fiberglas container will be accomplished by any one of 4 different means as follows:

1. Operation of the destruct switches.
2. Actuation of the emergency canopy release.
3. Operation of the seat ejection system.
4. Manual operation of a separate switch.

First installation, proto-type, not using production parts will be installed on an article at EAFB for evaluation before kits are produced. Seven (7) kits will then be prepared.

Estimated Cost for Kits or Parts

1.	Proto-type - Fab. Assem. & Instal. - SP-1923	$ 3,325
2.	Mnfg. & Assem. 7 kits - SP-1922	
	7 kits @ $2,115/Kit	14,805
	Total Price	$18,130